

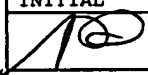

FORM PTO-1449

SECOND SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1696.0020008/RWE/RASAPPLICATION NO.  
09/845,153APPLICANT  
Shen et al.FILING DATE  
May 1, 2001GROUP  
1646



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2	WO 97/49425 A1	12/31/1997	WIPO			Yes No
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	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

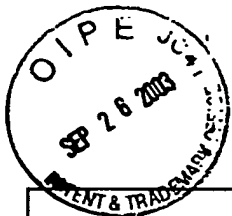
	AR		
	AS	23	Kiwada, H., et al., "Application of Synthetic Liposomes Based on Acyl Amino Acids or Acyl Peptides as Drug Carriers. I. Their Preparation and Transport of Glutathione into the Liver," Chem. Pharm. Bull. 35:2935-2942, Pharmaceutical Society of Japan (1987)
	AT	23	Supplemental European Search Report for Application No. EP 97 94 4483, European Patent Office, the Netherlands, completed April 14, 2004

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DATE CONSIDERED

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449

**FIRST SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT**ATTY. DOCKET NO.  
1696.0020008/RWEAPPLICATION NO.  
09/845,153APPLICANT  
Shen et al.FILING DATE  
May 1, 2001GROUP  
1646**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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**FOREIGN PATENT DOCUMENTS**

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	AM						Yes No
	AN						Yes No
	AO						Yes No
<i>AD</i>	AP1	WO 90/10621 A1	09/20/1990	WIPO			Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

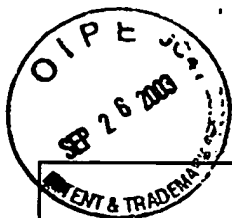
	AR		
<i>AD</i>	AS	22	Al-Obeidi, F., et al., "Synthesis and Biological Activities of Fatty Acid Conjugates of a Cyclic Lactam $\alpha$ -Melanotropin," J. Med. Chem. 35:118-123, American Chemical Society (1992)
<i>AD</i>	AT	22	Ekrami, H.M., et al., "Water-soluble fatty acid derivatives as acylating agents for reversible lipidization of polypeptides" FEBS Lett. 371:283-286, Elsevier Science Publishers B.V. (September 1995)

EXAMINER

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FORM PTO-1449

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INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1696.0020008/RWEAPPLICATION NO.  
09/845,153APPLICANT  
Shen et al.FILING DATE  
May 1, 2001GROUP  
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## U.S. PATENT DOCUMENTS


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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	23	European Search Report for European Patent Application No. 03 00 6780 mailed on July 2, 2003
	AS		
	AT		

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1696.0020008/RWE/BEC	APPLICATION NO. 09/845,153
	APPLICANTS Shen et al.	
	FILING DATE May 1, 2001	GROUP 1646
	AUG 27 2001 TC 1700	

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA1	5,599,903	02/04/1997	Kauvar et al.	530	331	09/24/1993
	AB1	5,629,020	05/13/1997	Leone-Bay et al.	424	489	04/22/1994
	AC1	5,635,380	06/03/1997	Naftilan et al.	435	172.3	01/18/1994
	AD1	5,679,643	10/21/1997	Kauvar et al.	514	18	05/31/1994
	AE1	5,708,146	01/13/1998	Willner et al.	530	387.3	06/06/1995
	AF1	5,763,570	06/09/1998	Kauvar et al.	530	331	06/07/1995
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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1	JP 63246382	10/13/1988	Japan			Abstract Yes No
	AM1	WO 91/16067	10/31/1991	WIPO			Yes No
	AN1	EP 0 482 766	04/29/1992	Europe			Yes No
	AO1	WO 96/22773	08/01/1996	WIPO			Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	1	Artursson, P., and Magnusson, C., "Epithelial Transport of Drugs in Cell Culture. II: Effect of Extracellular Calcium Concentration on the Paracellular Transport of Drugs of Different Lipophilicities across Monolayers of Intestinal Epithelial (Caco-2) Cells," J. Pharm. Sci. 79:595-600, American Pharmaceutical Association (1990).
	AS	1	Broadwell, R.D., et al., "Transcytotic pathway for blood-borne protein through the blood-brain barrier," Proc. Natl. Acad. Sci. USA 85:632-636, National Academy of Sciences (1988).
	AT	1	Brocklehurst, K., et al., "Preparation of Fully Active Papain From Dried Papaya Latex," Biochem. J. 133:573-584, London Portland Press On Behalf Of The Biochemical Society (1973).

EXAMINER 	DATE CONSIDERED 3/10/05
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO. 1696.0020008/RWE/BBC

APPLICATION NO. 09/845,153

APPLICANTS Shen et al.

FILING DATE May 1, 2001

GROUP 1645

AUG 23 2001

AUG 27 2001

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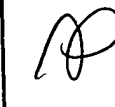
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	AM						Yes
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	AP						Yes
							No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	Chekhonin, V.P., et al., "Fatty acid acylated Fab-fragments of antibodies to neurospecific proteins as carriers for neuroleptic targeted delivery in brain," <i>FEBS Letters</i> 287:149-152, Elsevier Science Publishers B.V. (1991).
	AS	2	Chu, Y.-C., et al., "High-Potency Hybrid Compounds Related to Insulin and Amphioxus Insulin-like Peptide," <i>Biochem.</i> 33:13087-13092, American Chemical Society (1994).
	AT	2	Chu, Y.-C., et al., "High-Potency Hybrid Compounds Related to Insulin and Amphioxus Insulin-like Peptide," <i>Chem. Abstracts</i> 121:212, Abstract No. 246582y, American Chemical Society (November 1994).

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1696.0020008/RWE/BEC	APPLICATION NO. 09/845,153
	APPLICANTS Shen et al.	
	FILING DATE May 1, 2001	
	AUG 27 2001 TECH 1700	

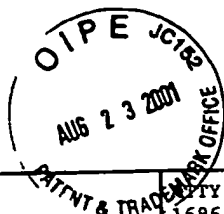
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AD	AR	3	Conradi, R.A., et al., "The Influence of Peptide Structure on Transport Across Caco-2 Cells," Pharm. Res. 8:1453-1460, Plenum Publishing Corp. (1991).
AD	AS	3	Edwards, P.A.W., "Is Mucus a Selective Barrier to Macromolecules?" British Med. Bulletin 34:55-56, British Council, Medical Dept. (1978).
AD	AT	3	Ekrami, H.M., "Positively-charged and lipophilic Bowman-Birk Protease Inhibitor conjugates: Synthesis and Characterization of the Pharmaceutical and Chemopreventive properties," A Dissertation, UMI Dissertation Services, Ann Arbor, MI, i-xiii, 9-226 (after January 25, 1995)

EXAMINER 	DATE CONSIDERED 3/11/05
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	



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APPROPRIATION NO.  
09/845,153

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

PATENT DOCKET NO.  
1696.0020008/RWE/BECAPPLICANTS  
Shen et al.FILING DATE  
May 1, 2001

AUG 23 2001

## U.S. PATENT DOCUMENTS



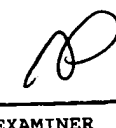
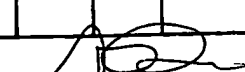
TC 1709

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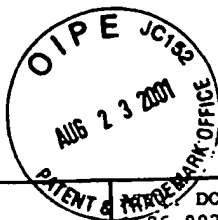
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	4	Ekrami, H.M., et al., "Water-soluble fatty acid derivatives as acylating agents for reversible lipidization of polypeptides," <i>FEBS Letters</i> 371:283-286, Federation of European Biochemical Societies (1995).
	AS	4	Ekrami, H.M., et al., "Water-soluble fatty acid derivatives as acylating agents for reversible lipidization of polypeptide," <i>Chem. Abstracts</i> 124:1042, Abstract No. 30361q, American Chemical Society (1996).
	AT	4	Eriksson, S.A., and Mannervik, B., "A method for the direct recording of an enzyme-catalyzed thiol-disulfide interchange using mixed disulfide of glutathione and 3-carboxy-4-nitrobenzenethiol," <i>Biochim. Biophys. Acta</i> 212:518-520, Elsevier Publishing Co. (1970).
EXAMINER 			DATE CONSIDERED 3/16/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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Page 5 of 22

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	DOCKET NO. 1696.0020008/RWE/BEC	APPLICATION NO. 09/8457133
	APPLICANTS Shen et al.	AUG 27 2001
	FILING DATE May 1, 2001	GROUP 1646
	TC 1700	

U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
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							Yes No
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	5	Eriksson, S. and Mannervik, B., "Direct recording of an enzyme-catalyzed thiol-disulfide interchange using a mixed disulfide of glutathione and 3-carboxy-4-nitrobenzenethiol," Chem. Abstracts 73:39, Abstract No. 127175y, American Chemical Society (1970)
	AS	5	Fix, J.A., et al., "Acylcarnitines: drug absorption-enhancing agents in the gastrointestinal tract," Am. J. Physiol. 251:G332-G340, American Physiological Society (1986).
	AT	5	Friden, P.M., and Walus, L.R., "Transport Of Proteins Across the Blood-Brain Barrier via the Transferrin Receptor," In: Frontiers In Cerebral Vascular Biology, Transport and Its Regulation, L.R. Drewes and A.L. Betz, eds. Plenum Press New York, New York, USA. pp.129-136 (1993).

EXAMINER

DATE CONSIDERED

3/16/05

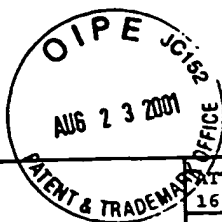
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FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1696.0020008/RWE/BEC

APPLICATION NO.

4678457153

APPLICANTS  
Shen et al.FILING DATE  
May 1, 2001GROUP  
1646

TC 1700




## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

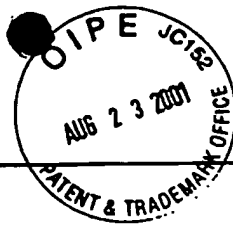
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)				
	AR	6	Gonzalez-Mariscal, L., et al., "Tight Junction Formation in Cultured Epithelial Cells (MDCK)," <i>J. Membrane Biol.</i> 86:113-125, Springer-Verlag (1985).	
	AS	6	Gordon, G.S., et al., "Nasal absorption of insulin: Enhancement by hydrophobic bile salts," <i>Proc. Natl. Acad. Sci. USA</i> 82:7419-7423, National Academy of Sciences (1985).	
	AT	6	Hashimoto, M., et al., "Synthesis of Palmitoyl Derivatives of Insulin and Their Biological Activities," <i>Pharm. Res.</i> 6:171-176 Plenum Press (1989).	
EXAMINER			DATE CONSIDERED 3/16/05	

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.  
1696.0020008/RWE/BECAPPLICATION NO.  
08/000,153APPLICANTS  
Shen et al.FILING DATE  
May 1, 2001GROUP  
1646

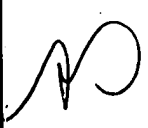


## U.S. PATENT DOCUMENTS

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	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	Huang, W., et al., "Lipophilic Multiple Antigen Peptide System for Peptide Immunogen and Synthetic Vaccine," Mol. Immunol. 31:1191-1199, Elsevier Science Ltd. (1994).
	AS	2	Hughes, R.A., et al., "Lipidic Peptides. III: Lipidic Amino Acid and Oligomer Conjugates of Morphine," J. Pharm. Sci. 80:1103-1105, American Pharmaceutical Association (1991).
	AT	2	Hughes, R.A., et al., "Lipidic Peptides. V: Penicillin and Cephalosporin Acid Conjugates with Increased Lipophilic Character," J. Pharm. Sci. 81:845-848, American Pharmaceutical Association (1992).

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	INVENTOR DOCKET NO. 1696.0020008/RWE/BEC	APPLICATION NO. 09/845,153
	APPLICANTS Shen et al.	
	FILING DATE May 1, 2001	GROUP 1646

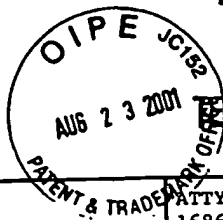
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	AN						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	8	Inagaki, M., et al., "Macromolecular permeability of the tight junction of the human nasal mucosa," <i>Rhinology</i> 23:213-221, International Rhinologic Society (1985).
	AS	8	Kabanov, A.V., et al., "Lipid modification of proteins and their membrane transport," <i>Protein Engineering</i> 3:39-42, IRL Press (1989)
	AT	8	Kajii, H., et al., "Fluorescence Study on the Interaction of Salicylate with Rat Small Intestinal Epithelial Cells: Possible Mechanism for the Promoting Effects of Salicylate on Drug Absorption <u>In Vivo</u> ," <i>Life Sci.</i> 37:523-530, Pergamon Press Ltd. (1985).
EXAMINER			DATE CONSIDERED 3/16/05

EXAMINER; Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

1696.0020008/RWE/BEC

APPLICATION NO.

6945,153

APPLICANTS

Shen et al.

FILING DATE

May 1, 2001

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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AP	AR	2	Kamagami, S., et al., "Penetration enhancement across a model membrane by liposomally entrapped drugs using N,N'-diacylcystine as a bilayer lipid," Chem. Abstracts 114:457 Abstract No. 214316d, American Chemical Society (1991).
AS	AS	2	Kidron, M., et al., "The Absorption of Insulin from Various Regions of the Rat Intestine," Life Sci. 31:2837-2841, Pergamon Press Ltd. (1982).
AT	AT	2	Kiwada, H., et al., "Application of synthetic liposomes based on acyl amino acids or acyl peptides as drug carriers. I. Their preparation and transport of glutathione into the liver," Chem. Abstracts 107: Abstract No. 183493h, American Chemical Society (1987).

EXAMINER

DATE CONSIDERED

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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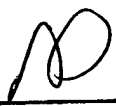


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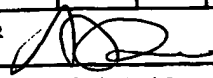
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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 1696.0020008/RWE/BEC	APPLICATION NO. 1696.0020008/RWE/BEC
		APPLICANTS Shen et al.	
FILING DATE May 1, 2001		GROUP 1646	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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							Yes No
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	10	Landolph, J.R., "Chemical Transformation in C3H 10T $\frac{1}{2}$ Cl 8 Mouse Embryo Fibroblasts: Historical Background, Assessment of the Transformation Assay, and Evolution and Optimization of the Transformation Assay Protocol," In: Transformation Assay of Established Cell Lines: Mechanisms and Application," T. Kakunaga and H. Yamasaki, eds. IARC Scientific Publications 67:185-203, International Agency for Research on Cancer (1985).
	AS	10	Lee, V.H.L., "Enzymatic Barriers to Peptide and Protein Absorption," Crit. Rev. Ther. Drug Carrier Syst. 5:69-97, CRC Press, Inc. (1988).
	AT	10	Lee, V.H.L., et al., "Mucosal Penetration Enhancers for Facilitation of Peptide and Protein Drug Absorption," Crit. Rev. Ther. Drug Carrier Syst. 8:91-192, CRC Press, Inc. (1991).

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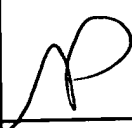

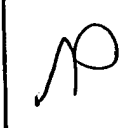



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FORM PTO-1449  <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 1696.0020008/RWE/BEC	APPLICATION NO. 09/845,153
	APPLICANTS Shen et al.	
	FILING DATE May 1, 2001	GROUP 1646
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U.S. PATENT DOCUMENTS							
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	11	Letsinger, R.L., et al., "Cholesteryl-conjugated oligonucleotides: Synthesis, properties, and activity as inhibitors of replication of human immunodeficiency virus in cell culture," <i>Proc. Natl. Acad. Sci. USA</i> 86:6553-6556, National Academy of Sciences (1989).
	AS	11	Lowry, O.H., et al., "Protein Measurement with the Folin Phenol Reagent," <i>J. Biol. Chem.</i> 193:265-275, American Society of Biological Chemists, Inc. (1951).
	AT	11	Martins, M.B.F., et al., "Acylation of L-asparaginase with total retention of enzymatic activity," <i>Biochimie</i> 72:671-675, Elsevier Science (1990).
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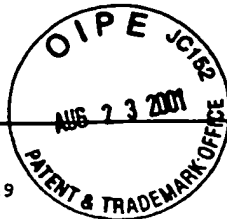
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## INFORMATION DISCLOSURE STATEMENT

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 APPLICATION NO. 09/045,153

 APPLICANTS  
 Shen et al.

 FILING DATE  
 May 1, 2001

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 1646

## U.S. PATENT DOCUMENTS

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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

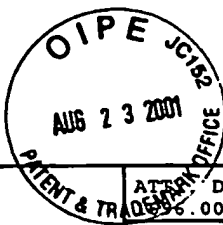
	AR	12	McConahey, P.J., and Dixon, F.J., "Radioiodination of Proteins by the Use of the Chloramine-T Method," Meth. Enzymol. 70:210-213, Academic Press, Inc. (1980).				
	AS	12	Mostov, K.E., and Simister, N.E., "Transcytosis," Cell 43:389-390, Massachusetts Institute of Technology (1985).				
	AT	12	Müller, C.E., et al., "Lipophilic disulfide prodrugs-syntheses and disulfide bond cleavage," Int. J. Pharm. 57:41-47, Elsevier Science Publishers B.V. (1989).				

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	APPLICANTS Shen et al.	
	FILING DATE May 1, 2001	GROUP 1646

U.S. PATENT DOCUMENTS							
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	13	Muranishi, S., et al., "Lipophilic Peptides: Synthesis of Lauroyl Thyrotropin-Releasing Hormone and Its Biological Activity," Pharm. Res. 8:649-652, Plenum Press (1991).
	AS	13	Okahata, T, and Seki, T., "Functional capsule membranes. 10. pH-sensitive capsule membranes. Reversible permeability control from the dissociative bilayer-coated capsule membrane by an ambient pH change," Chem. Abstracts 102:391 Abstract No. 12733d, American Chemical Society (1985).
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## INFORMATION DISCLOSURE STATEMENT

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 09/845,153

 APPLICANTS  
 Shen et al.

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 May 1, 2001

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## U.S. PATENT DOCUMENTS

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	AM						Yes No
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	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>14</u>	Reznikoff, C.A., et al., "Quantitative and Qualitative Studies of Chemical Transformation of Cloned C3H Mouse Embryo Cells Sensitive to Postconfluence Inhibition of Cell Division," <i>Cancer Res.</i> 33:3239-3249, American Association for Cancer Research (1973).
	AS	<u>14</u>	Robert, S., et al., "Fatty Acid Acylation of RNase A using Reversed Micelles as Microreactors," <i>Biochem. Biophys. Res. Commun.</i> 196:447-454, Academic Press, Inc. (1993).
	AT	<u>14</u>	Sett, R., et al., "Macrophage-Directed Delivery of Doxorubicin Conjugated to Neoglycoprotein Using Leishmaniasis as the Model Disease," <i>J. Infectious Dis.</i> 168:994-999, The University of Chicago Press (1993).
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	APPLICANTS Shen et al.	
	FILING DATE May 1, 2001	GROUP 1646

U.S. PATENT DOCUMENTS							
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

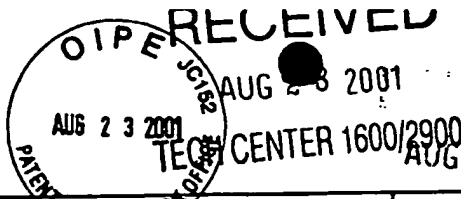
	AR	15	Shen, W.-C., and Ryser, H.P.-J., "Poly(L-lysine) has different membrane transport and drug-carrier properties when complexed with heparin," <i>Proc. Natl. Acad. Sci. USA</i> 78:7589-7593, National Academy of Sciences (1981).
	AS	15	Shen, W.-C., et al., "Enhancement of polypeptide and protein absorption by macromolecular carriers via endocytosis and transcytosis," <i>Adv. Drug Delivery Rev.</i> 8:93-113, Elsevier Science Publishers B.V. (1992)
	AT	15	Smith, P.L., et al., "Oral absorption of peptides and proteins," <i>Adv. Drug Delivery Rev.</i> 8:253-290, Elsevier Science Publishers B.V. (1992).

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3/16/05

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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTORNEY NO. 1696.0020008/RWE/BEC	APPLICATION NO. 19845.158
	APPLICANTS Shen et al.	
	FILING DATE May 1, 2001	GROUP 1646

## U.S. PATENT DOCUMENTS

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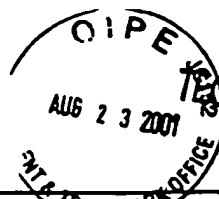
## FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	16	Takaori, K., et al., "The Transport of an Intact Oligopeptide Across Adult Mammalian Jejunum," <i>Biochem. Biophys. Res. Comm.</i> 137:682-687, Academic Press, Inc. (1986).
AS	16	Taub, M.E., and Shen, W.-C., "Polarity in the Transcytotic Processing of Apical and Basal Membrane-Bound Peroxidase-Polylysine Conjugates in MDCK Cells," <i>J. Cell. Phys.</i> 150:283-290, Wiley-Liss, Inc. (1992).
AT	16	Toth, I., "A Novel Chemical Approach to Drug Delivery: Lipidic Amino Acid Conjugates," <i>J. Drug Targeting</i> 2:217-239, Harwood Academic Publishers GmbH (1994).
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. BOARD NO. 1696.0020008/RWE/BEC	APPLICATION NO. 01/045/153636
	APPLICANTS Shen et al.	
	FILING DATE May 1, 2001	GROUP 1646

U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	17	Ubuka, T. et al., "Synthesis of disulfides related to glutathione and their detection in tissue," (Ganryu Aminosan) Sulfur Amino Acids 8:153-157, Ganryu Aminosan Kenkyukai (1985). [Article in Japanese]
	AS	17	Ubuka, T. et al., "Synthesis of disulfides related to glutathione and their detection in tissue," Chem. Abstracts 106:728, Abstract No. 156843v, American Chemical Society (1987).
	AT	17	Uchimi, I. et al., "Glutathione derivatives," Chem. Abstracts 73:359, Abstract No. 56440t, American Chemical Society (1970).

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	



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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 1696.0020008/RWE/BEC	APPLICATION NO. 09/845,153
	APPLICANTS Shen et al.	
	FILING DATE May 1, 2001	GROUP 1646

U.S. PATENT DOCUMENTS							
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FOREIGN PATENT DOCUMENTS							
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	18	Uchimi, I. et al., "Glutathione derivatives," Chem. Abstracts 74:408, Abstract No. 54179m, American Chemical Society (1971).
	AS	18	Větvička, V., and Fornůsek, L., "Limitations Of Transmembrane Transport In Drug Delivery," Crit. Rev. Ther. Drug Carrier Syst. 5:141-170, CRC Press, Inc. (1988).
	AT	18	Vitetta, E., "Immunotoxins: New Therapeutic Reagents for Autoimmunity, Cancer, and AIDS," J. Clin. Immunol. 10:15S-18S, Plenum Press (1990).

EXAMINER	DATE CONSIDERED 3/6/05
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FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 1696.0020008/RWE/BEC	APPLICATION NO. 09/845,753
	APPLICANTS Shen et al.	
	FILING DATE May 1, 2001	GROUP 1646

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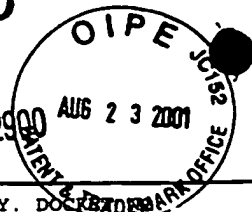
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	AM						Yes No
	AN						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	19	Wan, J., et al., "Transcellular Processing of Disulfide-and Thioether-Linked Peroxidase-Polylysine Conjugates in Cultured MDCK Epithelial Cells," J. Cell. Phys. 145:9-15, Wiley-Liss, Inc. (1990).
	AS	19	Wan, J., and Shen, W.-C., "Brefeldin A and Monensin Enhance Transferrin Receptor-mediated Protein Transport across Epithelial Cells," Pharm. Res. 8:S-4, Plenum Press (1991).
	AT	19	Wan, J., et al., "Brefeldin A Enhances Receptor-mediated Transcytosis of Transferrin in Filter-grown Madin-Darby Canine Kidney Cells," J. Biol. Chem. 267:13446-13450, American Society for Biochemistry and Molecular Biology, Inc. (1992).

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	APPLICANTS Shen et al.	
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	20	Yavelow, J., et al., "Bowman-Birk Soybean Protease Inhibitor as an Anticarcinogen," Cancer Res. 43:2454s-2459s, American Association for Cancer Research (1983).
	AS	20	Yodoya, E., et al., "Enhanced Permeability of Tetragastrin across the Rat Intestinal Membrane and Its Reduced Degradation by Acylation with Various Fatty Acids," J. Pharm. Ex. Ther. 271:1509-1513, American Society for Pharmacology and Experimental Therapeutics (1994).
	AT	20	Yoshikawa, H., et al., "Potentiation of Enteral Absorption of Human Interferon Alpha and Selective Transfer into Lymphatics in Rats," Pharm. Res. 5:249-250, Thieme Inc., (1985).

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	APPLICANTS Shen et al.	
	FILING DATE May 1, 2001	GROUP 1646

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AP	AR	21	"Protein," In: Webster's Third New International Dictionary, Unabridged, P.B. Gove, Ph.D., ed. G. & C. Merriam Co. Springfield, Massachusetts, USA. p. 1823 (1971).
AP	AS	21	Patent Abstract of Japanese Publication No. 63246382, obtained from the European Patent Office.
AP	AT	21	Supplementary European Search Report of EP 96 90 3690, mailed March 5, 1998.

EXAMINER 	DATE CONSIDERED 3/9/03
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## U.S. PATENT DOCUMENTS

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